

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	78	(clear with plastic with metal) with (box)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:06
L2	15	(clear with plastic with metal) with (box) and tool	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:47
L3	135	(clear with plastic) with (box) and tool	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:50
L4	14	(clear with plastic) with (box) and tackle	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:51
S1	4	(("2306444") or ("4540009") or ("5020166") or ("6205594")).PN.	USPAT	OR	OFF	2007/03/28 10:39
S2	151	(4/255.01).CCLS.	USPAT	OR	OFF	2007/03/28 10:45
S3	1	("6941589").PN.	USPAT	OR	OFF	2007/03/28 10:45
S4	48	("20030230325"   "20040133970"   "2061553"   "2413997"   "2753876"   "2755810"   "3075535"   "3537113"   "3595255"   "3644943"   "3714951"   "3792708"   "3802449"   "3840033"   "3937404"   "3952341"   "4137578"   "4144598"   "4320539"   "4354515"   "4447917"   "4475255"   "4552515"   "4606364"   "4660603"   "4672988"   "4674137"   "4745641"   "4756480"   "4768237"   "4825900"   "4865062"   "4895178"   "4957123"   "4986311"   "5085244"   "5253664"   "5329646"   "5384918"   "5524296"   "5727580"   "6163895").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 10:49
S5	98	(4/255.04).CCLS.	USPAT	OR	OFF	2007/03/28 15:07
S6	151	(4/255.01).CCLS.	USPAT	OR	OFF	2007/03/28 15:07
S7	98	(4/255.04).CCLS.	USPAT	OR	OFF	2007/03/28 15:07
S8	100	S7 or S6 and kit	USPAT	OR	ON	2007/03/28 15:52
S9	100	S7 or S6 and kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:09
S10	5	(S7 or S6) and kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:42

## EAST Search History

S11	7	(S7 or S6) and stopper	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:00
S12	8	stopper adj3 kit	USPAT	OR	ON	2007/03/28 15:20
S13	116	stopper with kit	USPAT	OR	ON	2007/03/28 15:20
S14	21	(S7 or S6) and multi\$6	USPAT	OR	ON	2007/03/28 15:57
S15	63	(S7 or S6) and (multi\$6 or several or plurality)	USPAT	OR	ON	2007/03/28 16:00
S16	816	(134/22.1).CCLS.	USPAT	OR	OFF	2007/03/28 16:51
S17	14	(S16) and stopper	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:29
S18	1149	(multiple or several or plurality) adj stopper\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:36
S19	141	S18 and (clean or clog or drain)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:43
S20	841	(rubber adj stopper\$) and kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 13:48
S21	202	(rubber adj stopper\$) and kit and (clean or drain or clog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:49
S22	0	(S7 or S6) and (rubber adj stopper\$) and (clean or drain or clog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:50
S23	0	(S7 or S6) and (rubber adj stopper\$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 16:51
S24	518	S16 and (multi\$6 or several or plurality)	USPAT	OR	ON	2007/03/28 16:54
S25	126	S16 and (multi\$6 or several or plurality) and drain	USPAT	OR	ON	2007/03/28 16:54
S26	263	(multiple or several or plurality or two) adj stopper\$3 and (clean or drain or clog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:21
S27	151	(4/255.01).CCLS.	USPAT	OR	OFF	2007/04/04 08:21
S28	98	(4/255.04).CCLS.	USPAT	OR	OFF	2007/04/04 08:21
S29	0	(multiple or several or plurality or two) adj stopper\$3 and (S28 or S27)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:22
S30	0	(multiple or several or plural\$4 or two) adj stopper\$3 and (S28 or S27)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:22

## EAST Search History

S31	74	(multiple or several or plural\$4 or two) and (S28 or S27)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:26
S33	46	(method) and (S28 or S27)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:26
S34	56	(drain adj clean\$3) and stopper	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 08:42
S35	3	drill adj bit adj kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:53
S36	188956	kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:23
S37	205	kit with stopper	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:30
S38	2875	tool adj kit	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:35
S39	191	tool adj kit and wrench\$3	USPAT	OR	ON	2007/04/04 15:35
S40	217	drill adj bit adj set	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:02
S41	2	(pipe near diameter) with (stopper near (size or diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:04
S42	403	(pipe) with (stopper) with (size or diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:05
S43	73	(pipe) with (stopper) with (size or diameter) and (clean\$4 or unclog\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:27
S46	42	(multiple or several or plurality) adj stopper\$3 and (pipe with (size or diameter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:42
S47	19	(multiple or several or plurality) adj stopper\$3 and (test adj tube\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 16:43
S48	19	((multiple or several or plurality) adj stopper\$3) and (test adj tube\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 07:43
S49	1	("4141090").PN.	USPAT	OR	OFF	2007/04/05 08:29
S50	3	kinetic adj water adj ram	USPAT	OR	ON	2007/04/05 09:23

## EAST Search History

S51	4	(("2306444") or ("4540009") or ("5020166") or ("6205594")).PN.	USPAT	OR	OFF	2007/04/05 09:26
S52	0	stoppers with (styrene-butaiene)	USPAT	OR	ON	2007/04/05 09:27
S53	17	stoppers with (styrene-butadiene)	USPAT	OR	ON	2007/04/05 09:35
S54	1	("6941589").PN.	USPAT	OR	OFF	2007/04/05 09:35
S55	0	S54 and polyamide	USPAT	OR	ON	2007/04/05 09:36
S56	48	("20030230325"   "20040133970"   "2061553"   "2413997"   "2753876"   "2755810"   "3075535"   "3537113"   "3595255"   "3644943"   "3714951"   "3792708"   "3802449"   "3840033"   "3937404"   "3952341"   "4137578"   "4144598"   "4320539"   "4354515"   "4447917"   "4475255"   "4552515"   "4606364"   "4660603"   "4672988"   "4674137"   "4745641"   "4756480"   "4768237"   "4825900"   "4865062"   "4895178"   "4957123"   "4986311"   "5085244"   "5253664"   "5329646"   "5384918"   "5524296"   "5727580"   "6163895").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 09:36
S57	125	(rubber with stopper\$) and (plumbing or declog\$3 or unclog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:09
S58	115	water adj ram	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:04
S59	29	("2300319"   "2626404"   "2939154"   "2999264"   "3138803"   "3189934"   "3280419"   "3315280"   "3879771"   "4059858"   "4063317"   "4097937"   "5239708"   "5249311"   "5666690"   "5669099"   "5803101"   "5996597"   "6032301"   "6035455"   "6550074").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:07
S60	1893	("90" adj degree) and (plumbing or declog\$3 or unclog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 16:24
S61	6	("90" adj degree) and (plumbing or declog\$3 or unclog\$3) and ((4/255.01 ).ccls. or (4/255.04).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 07:26
S62	30	("90") and (plumbing or declog\$3 or unclog\$3) and ((4/255.01 ).ccls. or (4/255.04).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 09:09

## EAST Search History

S63	54	(PVC same polyamide) and plumbing	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 09:13
S65	307760	(metal same plastic) and (case or container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 09:13
S66	8375	(metal adj2 plastic) with (case or box or container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 09:27
S67	2	(metal adj2 (clear adj plastic)) with (case or box or container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:38
S68	1525	(metal adj2 plastic) with (box or kit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 10:33
S69	1	("5775743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 10:33
S70	0	("l7andpolyamide").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 10:33
S71	1	S69 and polyamide	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:00
S72	3	(neoprene adj2 styrene-butadiene) and stopper	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:01
S73	300	(neoprene adj2 styrene-butadiene) and rubber	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:01
S74	0	clear adj plastic adj tool adj box	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:38
S75	1	(clear adj plastic) with (tool adj box)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:40
S76	3	(clear with plastic) with (tool adj box)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:05
S77	1010	(clear with plastic) with ((box or kit))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:41
S78	750	(clear adj plastic) with ((box or kit))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:42

## EAST Search History

S79	301	(clear adj plastic) with ((box or kit)) and metal	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 13:43
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